

ABSTRACT OF THE DISCLOSURE

This invention provides a vehicle operation control method and vehicle operation control apparatus which protects a vehicle driver from a feeling of disharmony in his steering operation.

5 In vehicle operation control processing, a change amount $\Delta\theta_h$ in steering angle θ_h by a steering wheel is detected by means of a steering angle change amount detecting means 40a1, a variable gain G is controlled based on a vehicle velocity V by a variable gain multiplying means 40a2 and then, that
10 controlled variable gain G is multiplied with the change amount $\Delta\theta_h$ in the steering angle. Then, that multiplication result is integrated by an integrating means 40a3 and the integration result is converted to an object actual steering angle by an object actual steering angle computing means 40a4. A deflection
15 amount detecting means 40a5 obtains a deflection between the actual steering angle θ_T and the object actual steering angle θ_T^* so as to compute an angle deflection $\Delta\theta_T$. Thus, when the steering wheel is maintained, the change amount $\Delta\theta_h$ in the steering angle θ_h becomes zero and a result of multiplication
20 with the variable gain G also becomes zero, so that no changes occurs in a result of integration of the multiplication results. Therefore, no changes occur in the actual steering angle of the driven wheels, thereby protecting the vehicle driver from a feeling of disharmony in his steering operation.

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